

Type Test ☒ Initial ☐ Annual ☐ Special		Date 11-10-78	
Company Northwest Pipeline Corporation		Connection New Well	
Pool Blanco		Formation Mesa Verde	
Completion Date 11-3-78		Total Depth 6107	Plug Back TD 6065
		Elevation 6814	Unit San Juan 29-6
Csg. Size 7.000 4.500		wt. 20.0 10.5	d 6.456 4.052
Set At 4020 3853-6105		Perforations: From 5558 To 6022	
Well No. #13A		Unit Sec. Twp. Rge. D 6 29 6	
Type well - Single - Bradenhead - G.G. or G.O. Multiple Gas - Single		Facker: Set At None	
County Rio Arriba		State New Mexico	
Producing Thru Tubing		Baro. Press. - P ₀ 12.0	
L H Gg % CO ₂ % N ₂ % H ₂ S Prover Meter Run Taps		.668 3/4" Choke	

FLOW DATA							TUBING DATA		CASING DATA		Duration of Flow
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h _w	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	
51							774		777		STP
1.	2"	x	3/4"	258		580	258		616		3 hrs.
2.											
3.											
4.											
5.											

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor Ft.	Gravity Factor Fg	Super. Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1	9.602		270	1.002	1.224	1.031	3278
2.							
3.							
4.							
5.							

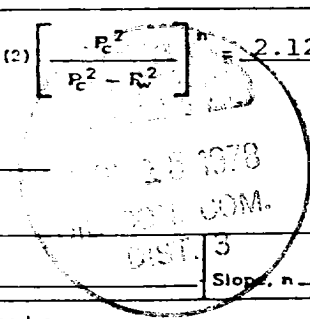
NO.	P ₁	Temp. °R	T ₁	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
1.					A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
2.					Specific Gravity Separator Gas _____ X X X X X X X X
3.					Specific Gravity Flowing Fluid _____ X X X X X
4.					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
5.					Critical Temperature _____ R _____ R

P _c 789		P _c ² 622521	
NO.	P ₁ ²	P _w	P _w ²
1		628	394384
2			
3			
4			
5			

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 2.7287$

AOF = C $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 6960$

(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 2.1231$



Absolute Open Flow	6960	Mcfd @ 15.025	Angle of Slope @	Slope, n .75
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Remarks: Blew very light mist through out test - Trace of condensate.

Approved By Commission:	Conducted By: F.S. Hamrick	Calculated By: F.S. Hamrick	Checked By:
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